

POSITIONS VACANT

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A Position of Instructor in Physics and Engineering at King's College, Windsor, N.S., is open to a Graduate in Mechanical or Electrical Engineering of a Technological School. Apply stating qualifications to

(Rev.) V. E. HARRIS,

Secretary, Board of Governors, K.C.W.

Church of England Institute, Halifax, N.S.

PERSONAL.

SIR CHARLES RIVERS WILSON, president of G.T.R., is in Canada on a tour of inspection.

MR. O. W. SMITH, C.E., of the firm of Galt & Smith, Toronto, left last Saturday for British Columbia on a business trip.

MR. ALEX. McDUGALL, formerly of St. Thomas, Ont., has been appointed master mechanic of the C. P. R. shops at Cranbrook, B.C.

MR. L. BRUCE YOUNG, formerly with the Toronto Construction Co. in New Brunswick, is now on bridge work with C. H. Ferguson at Prince Rupert, B.C.

JENS ORTEN-BOUING, hydraulic engineer, has taken into partnership with him Douglas Spencer and P. R. Cobb, and has removed his offices to 9 1/2 Union Court, Old Broad Street, London, E.C.

MESSRS. S. H. AND D. C. FELLOWES have recently formed a partnership, under the name of Fellowes & Fellowes, with offices in the Lawlor Building, Toronto, and are representing a number of large American manufacturers of contractors, railway and municipal supplies.

OBITUARY.

Mr. Frank Turner, C.E., of Deer Park, Ont., who died July 29th, 1909, was born in the city of Toronto on April 13th, 1838, and was the eldest son of R. J. Turner (referee in titles). He was educated at the common school and Upper Canada College, and later took up the profession of civil engineer.

He was a member of the commission appointed by the Government in 1887 to examine and report on the feasibility of the Trent Valley Canal, and later was associated in railway construction work in England, South America and Peru.

For three years he was a member of the York County Council, and was past president of the Albany Club.

MARKET CONDITIONS.

Toronto, August 5th, 1909.

A midsummer hot-weather dulness seems to prevail in many quarters. With the exception of a slight upward change in hard coal and a downward change in retail cement, we find prices of building material unaltered. In felt and other roofing, sewer pipe, and brick, the movement is brisker than in most other lines of building material.

Metals at last show improved steadiness of tone, all along the line, and there is a distinct increase of business, notably in tin, copper, and zinc, while pig-iron is manifesting a little more activity. Structural steel shows some stiffness, too, a result of more assured orders in the United States.

The following are wholesale prices for Toronto, where not otherwise explained, although for broken quantities higher prices are quoted:—

Antimony.—Demand inactive, market unchanged at \$9 per 100 lbs.

Axes.—Standard makes, double bitted, \$8 to \$10; single bitted, per dozen, \$7 to \$9.

Bar Iron.—\$1.95 to \$2, base, per 100 lbs., from stock to wholesale dealer. Market well supplied.

Boiler Plates.—1/4-inch and heavier, \$2.20. Boiler heads 25c. per 100 pounds advance on plate.

Boiler Tubes.—Orders continue active. Lap-welded, steel, 1 1/4-inch, 10c.; 1 1/2-inch, 9c. per foot; 2-inch, \$8.50; 2 1/4-inch, \$10; 2 1/2-inch, \$10.60; 3-inch, \$12.10; 3 1/2-inch, \$15; 4-inch, \$18.50 to \$19 per 100 feet.

Building Paper.—Plain, 30c. per roll; tarred, 40c. per roll. Season over, nothing doing.

Bricks.—Business is very active, price at some yards \$9 to \$9.50, at others, \$9.50 to \$10, for common. Don Valley pressed brick move also freely. Red and buff pressed are worth \$18 delivered and \$17 at works per 1,000.

Broken Stone.—Lime stone, good hard, for roadways or concrete, f.o.b., Schaw station, C.P.R., 70c. per ton of 2,000 lbs., 1-inch, 2-inch, or larger, price all the same. Broken granite is selling at \$3 per ton for good Oshawa.

Cement.—Cement is being offered at the low price of \$1.55 per barrel in car lots, including cotton bags. The consumption in Canada is between three and four million barrels, while the capacity of production of Canadian plants is nearly eight million. Until the consumption increases, prices can hardly be firm. Smaller dealers report a fair movement in small lots at \$1.40 per barrel in load lots delivered in town, bags extra. In packages, \$1.40 to \$1.50, including paper bags.

Coal.—Retail price for Pennsylvania hard, \$6.75 net, steady. This price applies to grate, egg, stove, and chestnut; only pea coal is cheaper, namely, \$5.75. These are all cash, and the quantity purchased does not affect the price. Soft coal is in good supply, American brokers have been covering the ground very fully. In the United States there is an open market for bituminous coal and a great number of qualities exist. We quote. Youghiogeny lump coal on cars here, \$3.70 to \$3.80; mine run, \$3.60 to \$3.75; slack, \$2.65 to \$2.85; lump coal from other districts, \$3.40 to \$3.70; mine run loc. less; slack, \$2.50 to \$2.70; canal coal plentiful at \$7.50 per ton; coke, Solvey foundry, which is largely used here, quotes at from \$5.25 to \$5.50; Reynoldsville, \$4.50 to \$4.75; Connellsville, 72-hour coke, \$5.25 to \$5.50.

Copper Ingot.—We do not quote any change from \$13.85 to \$14.05 per 100 lbs., but the feeling is much steadier and business more active.

Detonator Caps.—75c. to \$1 per 100; case lots, 75c. per 100; broken quantities, \$.

Dynamite, per pound, 21 to 25c., as to quantity.

Roofing Felt.—An improvement in demand of late, no change in price.

Fire Bricks.—English and Scotch, \$30 to \$35; American, \$27.50 to \$35 per 1,000. The demand is steady and stocks light.

Fuses.—Electric Blasting.—Double strength 4 feet, \$4.50; 6 feet, \$5; 8 feet, \$5.50; 10 feet, \$6. Single strength, 4 feet, \$3.50; 6 feet, \$4; 8 feet, \$4.50; 10 feet, \$5, per 100 count. Bennett's double tape fuse, \$6 per 1,000 feet.

Galvanized Sheets.—Apollo Brand.—Sheets 6 or 8 feet long, 30 or 36 inches wide; 10-gauge, \$3.05; 12-14-gauge, \$3.15; 16, 18, 20, \$3.35; 22-24, \$3.50; 26, \$3.75; 28, \$4.20; 29, \$4.50; 30 1/4, \$4.50 per 100 lbs. Fleur de Lis—28-gauge, \$4.30; 26-gauge, \$4.05; 22-24-gauge, \$3.50. Queen's Head—28-gauge, \$4.50; 26-gauge, \$4.25, per 100 lbs. Sheets continue in active request.

Iron Chain.—1/4-inch, \$5.75; 5-16-inch, \$5.15; 1/2-inch, \$4.15; 7-16-inch, \$3.95; 3/4-inch, \$3.75; 9-16-inch, \$3.70; 5/8-inch, \$3.55; 3/4-inch, \$3.45; 7/8-inch, \$3.40; 1-inch, \$3.40, per 100 lbs.

Iron Pipe.—Black, 1/4-inch, \$2.05; 3/8-inch, \$2.26; 1/2-inch, \$2.63; 3/4-inch, \$3.16; 1-inch, \$4.54; 1 1/4-inch, \$6.19; 1 1/2-inch, \$7.43; 2-inch, \$9.90; 2 1/2-inch, \$15.81; 3-inch, \$20.76; 3 1/2-inch, \$26.13; 4-inch, \$29.70; 4 1/2-inch, \$38; 5-inch, \$43.50; 6-inch, \$56. Galvanized, 1/4-inch, \$2.86; 3/8-inch, \$3.08; 1/2-inch, \$3.48; 3/4-inch, \$4.31; 1-inch, \$6.19; 1 1/4-inch, \$8.44; 1 1/2-inch, \$10.13; 2-inch, \$13.50, per 100 feet. Some talk of an advance in price.

Lead.—Prices steady outside. This market is better, at \$3.75 to \$3.85 per 100 lbs.

Lime.—Retail price in city 35c. per 100 lbs. f.o.b., car; in large lots at kilns outside city 22c. per 100 lbs. f.o.b. car. In active demand.

Lumber.—Considerable demand for both Southern and Canadian dimension pine continues; hemlock dull. Prices are rather stiff all along the line. Dressing pine quotes \$32 to \$35 per M; common stock boards, \$26 to \$30; cull stocks, \$20; cull sidings, \$17.50; Southern pine dimension timber from \$30 to \$45, according to size and grade; finished Southern pine according to thickness and width, \$30 to \$40. Hemlock in car lots, \$16.50 to \$17; spruce flooring in car lots, \$22; shingles, British Columbia, \$3.20; lath, No. 1, \$4.25; No. 2, \$3.75; for white pine, 48-inch; for 32-inch, \$1.60, and very few to be had.

Nails.—Wire, \$2.25 base; cut, \$2.70; spikes, \$3, per keg of 100 lbs.

Pitch and Tar.—Pitch, demand moderate, price so far unchanged at 70c. per 100 lbs. Coal tar fairly active at \$3.50 per barrel.

Pig Iron.—There is fair activity and prices are maintained. Clarence quotes at \$20.50 for No. 3; Cleveland, \$20.50 to \$21; in Canadian pig, Hamilton quotes \$19.50 to \$20 per ton.

Plaster of Paris.—Calcined, New Brunswick, hammer brand, wholesale, \$2; retail, \$2.15 per barrel of 300 lbs.

Putty.—In bladders, strictly pure, per 100 lbs., \$2.25; in barrel lots, \$2.05.

Ready Roofing.—More demand during the past few days, at catalogue prices before quoted.

Roofing Slate.—Most of the slate used in Canada comes now from Pennsylvania or Maine, the Canadian supply being slender and mostly from the Rockland quarries of the Eastern Townships in Quebec. There is a great variety of sizes and qualities, so that it is difficult to indicate prices. But No. 1 Pennsylvania slate 10 x 16 may be quoted at \$7.25 per square of 100 square feet, f.o.b., cars, Toronto; seconds, 50c. less.

Rope.—Sisal, 9/16c. per lb.; pure Manila, 12 1/2c. per lb., Base.

Sewer Pipe.

	4-in.	6-in.	9-in.	10-in.	12-in.	24-in.
Straight pipe per foot	\$0.20	\$0.30	\$0.65	\$0.75	\$1.00	\$3.25
Single junction, 1 or 2 ft. long	.90	1.35	2.70	3.40	4.50	14.65
Double junctions	1.50	2.50	5.00	....	8.50	....
Increases and reducers	....	1.50	2.50	....	4.00	....
P. traps	2.00	3.50	7.50	....	15.00	....
H. H. traps	2.50	4.00	8.00	....	15.00	....

Business steady; price, 73 per cent. off list at factory for car-load lots; 65 per cent. off list retail. Small lots subject to advance.

Steel Beams and Channels.—Quiet. We quote:—\$2.50 to \$2.75 per 100 lbs., according to size and quantity; if cut \$2.75 to \$3 per 100 lbs.; angles, 1 1/4 by 3-16 and larger, \$2.50; tees, \$2.80 to \$3 per 100 pounds. Extra for smaller sizes of angles and tees.

Steel Rails.—80-lb., \$35 to \$38 per ton. The following are prices per gross ton, for 500 tons or over: Montreal, 12-lb. \$45, 16-lb. \$44, 25 and 30-lb. \$43.

Sheet Steel.—Market steady, at the former prices; 10-gauge, \$2.50; 12-gauge, \$2.55; American Bessemer, 14-gauge, \$2.35; 17, 18, and 20-gauge, \$2.45; 22 and 24-gauge, \$2.50; 26-gauge, \$2.65; 28-gauge, \$2.85. Quite a quantity of light sheets moving.

Tank Plate.—3-16-inch, \$2.40 per 100 lbs.

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